

CLAIMS

1. A strip temperature regulation device (4) in a metal strip (3) continuous casting plant (3) equipped with an ingot mould (16) consisting of a pair of parallel, counter-rotating rolls (2, 2') and by two closing plates at the ends of said rolls (2, 2') defining a vertical casting plane of said strip (3), comprising at least one substantially rectangular panel (5) placed below the plane of the axis of said rolls (2, 2') and with its longest dimension substantially parallel to the axis of said rolls and at least one duct (6, 8, 8') suitable for the passage of cooling gas characterized in that the at least one substantially rectangular panel (5) is placed below the rolls at such a short distance that the temperature of the strip, in the zone immediately upon exit from the ingot mould, is maintained uniform.
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2. The device according to claim 1, wherein there are provided outlet nozzles (7) of said at least one duct (6, 8, 8') adapted for spraying gas towards the strip (3).
3. The device according to claim 2, wherein said ducts (6) are formed inside said at
15 least one panel (5).
4. The device according to claim 2, wherein said ducts (8, 8') are located externally alongside said at least one panel (5).
5. The device according to claim 4, wherein there are provided are more than one
ducts (8, 8') .
- 20 6. The device according to claim 5, wherein said at least one panel (5) is made of refractory material.
7. The device according to claim 1, wherein said at least one panel (5) is inclined at a predetermined angle with respect to said vertical strip casting plane (3).
8. The device according to any of the previous claims, wherein said at least one
25 panel (5) has means for varying the inclination with respect to the vertical strip casting plane (3).
9. The device according to any of the previous claims, wherein there are provided two panels (5) placed symmetrically at each side of said vertical strip casting plane (3).